

ETV Pilot for Indoor Air Products

Meeting Summary for the Task Force on Ventilation Air Filters Arlington, VA, June 19, 1997

Summary

An initial meeting of the Task Force on Ventilation Air Filters was held in Arlington, VA, June 19, 1997. This program is being conducted through a U.S. Environmental Protection Agency (EPA) cooperative agreement with the Research Triangle Institute (RTI). Dr. Les Sparks, EPA Project Officer discussed their Environmental Technology Verification (ETV) program. Dr. David Ensor, RTI's ETV Manager, presented an overview of RTI's pilot program for indoor air products. The meeting was hosted by the National Air Filtration Association (NAFA), a trade association representing the filter industry. NAFA President Tom Ottney provided an overview of the filter industry and efforts to provide quality information for its customers. Mr. Ottney also discussed NAFA's program to certify filter specialists and publication of guidance literature. The theme of the meeting was to explore the proposed filter test standards as a basis for the verification program.

The following stakeholder presented information:

- Mr. Ken Sufka, NAFA,
- Mr. Michael Woodford, Air-Conditioning & Refrigeration Institute (ARI),
- Ms. Deborah Prince, Underwriters' Laboratories,
- Mr. Jim Cox, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE),
- Ms. Leyla McCurdy, American Lung Association, and
- Mr. John Sabelli, Intertek Testing Services.

The task group discussed the following:

- Involvement of stakeholders,
- The development of a testing protocol based on the proposed ASHRAE 52.2 standard method for testing general ventilation testing,
- The scope of the program,
- Benefits of the program, and
- How the results would be reported.

From this discussion, a list of action items was generated.

Action Items

The next meeting will be October 8, 1997, hosted by RTI. On October 7, RTI will arrange a tour of their laboratories, including the filter testing rigs.

RTI agreed to do the following:

1. Send out minutes of the meeting and post a summary on the web site (etv.rti.org).
2. RTI will recruit these organizations to attend the next meeting and will submit a plan to evaluate the representativeness of the stakeholders.
3. A list of benefits from the program was discussed at the meeting. RTI will include this list as part of the minutes and will publish the list on the web site.
4. With EPA, RTI will write a discussion of the differences between a test method and an ETV protocol. Elements of a protocol will be listed.
5. RTI will develop a sample verification statement.
6. RTI and EPA will provide information on the repeatability of the test method using existing data that was obtained under a cooperative agreement.
7. There was discussion about obtaining information of the cost to manufacturers for testing products. RTI will study this further.

Industry, led by NAFA agreed to do the following:

1. Define the classes of products used for general ventilation.
2. Define the types of changes in the manufacturing process that would require retesting.
3. Develop a list of other questions about performance issues not included in ASHRAE 52.2, but which should be included in the ETV testing program.
4. Define the industry's customers and what educational materials are needed.
5. Outline any concerns they have with the ASHRAE 52.2P test method.

Meeting Attendance

Attended

Bob Axelrad, US EPA

Bob Bradley, Precisionaire Inc.

David Brooks,
Purolator Products Company

Did Not Attend

Brian Boender, Trion, Inc

Steve Caldeira, Clean Air
Devices Manufacturers

Penelope Hansen, U.S. EPA

Jim Cox, ASHRAE

Harry Elinsky, Filtech Inc.

David Ensor,
Research Triangle Institute

Deborah Franke,
Research Triangle Institute

Paul Gensler,
Environmental Filter Corporation

Angie Gorn, National Air
Filtration Association

Jim Hanley, Research Triangle
Institute

Michael Haufe, Columbus Industries

Joe Hovekamp,
Airguard Industries, Inc.

Joesph Koman,
Federal Trade Commission

J.L. (Skiter) Kowalski,
Carpenter Company

Jim Kubokawa, 3M

Edward Lyons, Filtration Group

William Matkins, Tri-Dim Filter
Corp.

Leyla McCurdy,
American Lung Association

Earl Mielke, Complete Air Filter Co.

Ruth Newlin,
American Lung Association

Michael Jawer, Building Owners and
Managers

Peggy Jenkins, California Air Resources
Board

John Jiambalvo, Association of
Home Appliance

Pauline Johnston, U.S. EPA
Indoor Environment

Daniel King, Tri-Dim Filter Corp.

Malcolm Mock, Quality Filters, Inc.

Paul Murray, Herman Miller

Tom Ottney, Ohio Air Systems, Inc.

Wayne Redfern, Union Wadding Company

Steve Saunders, Air Conditioning
and Refrigeration

Kevin Scruggs, William T. Burnett & Co.

Alan Veeck, Tidewater Air Filter, Inc.

Jed Waldman, California Dept. of
Health Services,

Lawrence Ost, Filtration Group

Elena Paoli,
Federal Trade Commission

Deborah Prince,
Underwriters Laboratories

John Sabelli, Intertek Testing
Services

Les Sparks, U.S. EPA

Chris Steele, NSF International

Mike Stemmer, Air Kontrol, Inc.

Ken Sufka, National Air
Filtration Association

C.W. (Andy) Wood, Precisionaire
Inc.

Michael Woodford, ARI

James Wooldridge,
Koch Filter Corporation